

ASTD/TDI Project Static Report

Enhanced In Situ Decontamination and Size Reduction of Gloveboxes

Focus Area: Decontamination and Decommissioning Focus Area

TTP No.: RF08SD10

Lead Site: Rocky Flats

Project No.: 98-TDI-14

Tech ID/TMS No.:

Related Publication(s): None

Web Page(s):

Description: This system includes enhanced mechanical cutting tools for glovebox size-reduction, a decommissioning in-situ plutonium inventory monitor (DISPIM) for non-destructive assay of plutonium in gloveboxes and vessels (characterization tool) and a mobile WIPP-certified standard waste box (SWB) assay system that will provide plutonium waste assay and certification of a SWB for disposal at WIPP.

Application: Sites with gloveboxes containing weapons grade plutonium that require assay, size reduction and disposal at WIPP. TRU waste boxes to be used for all waste to fully utilize waste counter.

Location(s): RFETS

Technology(ies):

Decommissioning In-Situ Plutonium Inventory Monitor (DISPIM)

Enhanced Mechanical Cutting Tools

Standard Waste Box (SWB) Counter

	Funding (\$K):	<u>FY-98</u>	<u>FY-99</u>	<u>FY-00</u>	<u>FY-01</u>	<u>Total</u>
TTP No.:	RF08SD10	\$3,000	\$0	\$0	\$0	\$3,000
Leverage Source:	EM-60					\$7,800
					Funding Total (\$K):	\$10,800

Cost Savings (\$M):	<u>Proposal</u>	<u>Deployment Plan/TTP</u>	<u>Current Focus Area Projection</u>
	\$44,850	Pending	\$54,000